

*La nouvelle référence dans le domaine de l'étanchéité !*

**SLADE**

*PATENTED SEALING TECHNOLOGY*



- **Low Emission**
- **Fire Safe**
- **API 622 Certified**

Inconel® wire knitted  
over Slade's patented  
graphite yarns



**SPECIFICATIONS**

Temperature	1200°F / 650°C Steam
	1800°F / 1000°C Inert Environment
	1800°F / 1000°C Working Temp
Pressure	6000psi / 414 bar
pH	0-14 (except in strong oxidizers)

Slade 3300i style packing combines the strength of Inconel® wire, which prevents extrusion of graphite, with the resilient lubricating properties of Slade's patented, API 589 and API 607 certified fire-safe packing.

This provides you the superior performance that you expect from a low emission valve stem packing.

# STYLE 3300i

***THE NEXT GENERATION IN  
VALVE STEM PACKING***

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Slade 3300i Low Emissions Valve Packing is specifically designed to meet the strictest criteria in valve emissions required within today's industry. Slade 3300i has been API 622 (2nd edition) tested and qualified with an average leakage of 10ppm, completing the 1500 mechanical cycles and 5 thermal cycles with a leakage of only 4ppm. See what makes Slade different from all of the others!

### Inconel® 600

Slade utilizes Inconel® 600 as a knitted jacket around our patented expanded graphite, carbon reinforced yarns. Slade's unique design allows the Inconel® to become an internal skeleton providing strength and stability with out damaging equipment.

Inconel® can be clearly seen knitted around each individual Slade yarn



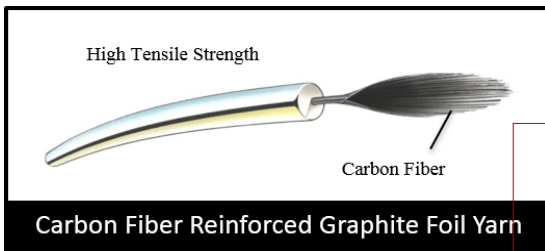
After packing is braided and calendared to size, Inconel® knit becomes less visible as the graphite is pushed out through the Inconel®



Once die formed, the Inconel® knit is no longer easily visible due to the carbon fiber strands pushing out the graphite up and over the Inconel®



### High Tensile Strength Core



Slade's unique patented yarns include a continuous carbon core within the center that allows the structure to hold up under high temperatures, pressures and chemicals. The carbon core provides resilience for thermal cycling.

### Prevents Corrosion

Slade 3300i Low Emissions Valve Packing has proven to be non-corrosive. After the 35 day corrosion test (part of the API 622—2nd edition test), there was no corrosion present. You can trust Slade with your valves, and avoid costly stem pitting by switching to Slade today!

## Slade 3300i Low Emissions Valve Packing Tested and Passed **API 622, 2nd Edition**

Teknis Slade is a forerunner in fluid sealing technology, providing the industry with patented expanded graphite packing, field tested and proven for many years. Due to ever increasing regulations to fugitive emissions throughout the world, a recognized standard has been set for the entire packing industry.

### API 622 2nd Edition Testing at a Glance

**Emissions** – Five day test consisting of 150 ambient cycles, 150 thermal cycles (500°F) per day, total of 1500 cycles at 600psig. Methane used as the test gas.

**Corrosion** - 35 day test, packing samples soaked in de-mineralized water for 24 hours, installed in a compression fixture under 4350 psi, water temperature 300°F, ±30°F, water pressure maintained at 650psig. Report on degree of stem pitting.

**Materials** – Sample weights compared prior to test and after 300°F, 500°F, 1,000°F. Record of density. Testing for total lubricant and TFE content.

### Slade 3300i Performance

Slade 3300i has been tested to the API 622 standard by Yarmouth Research and Technology, with an average leakage of 10ppm and a **final reading after 1500 cycles, of only 4ppm**. For the corrosion portion of the test, **Slade 3300i showed 0% stem pitting or corrosion**.

Slade 3300i Low Emissions Valve Packing provides a high temperature, **fire safe, sealing solution** needed to **reduce VOC emissions** without causing damage to the valve stem or body.

Slade 3300i is constructed of Slade patented carbon reinforced expanded graphite yarns. Providing a truly unique valve packing that is manufactured in the USA.

### Our Commitment to Progress

Slade 3300i was developed and tested through our in-house testing facility. Our research continues to improve the sealing products that today's ever changing world demands. It is our goal to always provide the quality, and customer care that Slade customers have come to appreciate.

For further information on Slade 3300i or any other Slade products, please feel free to contact us:

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